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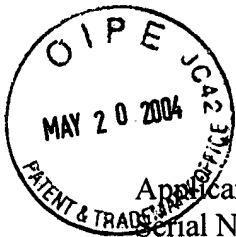
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Attorney Docket No. M2010-7114

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David P. Prince
Serial No.: 10/734,395
Confirmation No.: 9763
Filed: December 12, 2003
For: SYSTEMS AND METHODS FOR DETECTING DEFECTS IN PRINTED
SOLDER PASTE
Examiner: Not Yet Assigned
Art Unit: 2623

CERTIFICATE OF MAILING UNDER 37 CFR §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP MISSING PARTS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 18th day of May, 2004.

Keith F. Noe, Esq. (Reg. No. 34,686)

MAIL STOP MISSING PARTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST TO CHANGE ATTORNEY DOCKET NUMBER

Sir:

Please change the attorney's docket number on the above-identified patent application as recorded in the U.S. Patent and Trademark Office Records.

FROM: 17555-114

TO: M2010-7114

The Commissioner is hereby authorized to charge any deficiencies or overpayments to Deposit Account No. 50/2762, Ref. No. M2010-7114.

Respectfully submitted,

By:

Keith F. Noe, Esq. (Reg. No. 34,686)
LOWRIE, LANDO & ANASTASI, LLP
Riverfront Office Park
One Main Street
Cambridge, MA 02142
Tel.: (617) 395-7039
Fax: (617) 395-7070
Attorney for Applicant

Dated: May 18, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**REVOCATION OF PRIOR POWERS OF ATTORNEY
and
NEW POWERS OF ATTORNEY**

The undersigned, SPEEDLINE TECHNOLOGIES, INC., assignee of the entire right, title and interest for all of the patents and patent applications identified in the attached Schedule A, hereby revokes all previous powers of attorney or authorizations of agent given in the identified patents and patent applications and in any divisional, continuing, substitute, renewal or reissue applications thereof, and appoints all practitioners of Lowrie, Lando & Anastasi, LLP associated with Customer Number:

37462

as assignee's attorneys or agents with full power of substitution to take any and all action necessary with regard to the identified patents and patent applications, and with regard to any divisional, continuing, substitute, renewal or reissue applications thereof.

Please address all telephone calls to Keith F. Noe at telephone no. (617) 395-7039.

Please forward all correspondence to the correspondence address associated with Customer Number:

37462

SPEEDLINE TECHNOLOGIES, INC.

Dated: 2/1/04

By: John C. Ufford

Name: John C. Ufford

Title: Vice President of Product Management and
Engineering

ASSIGNEE CERTIFICATION

Attached to this power is a Certificate Under 37 CFR 3.73(b).

Dated: 18 May 2004

Keith F. Noe

Keith F. Noe, Esq. (Reg. No. 34,686)
LOWRIE, LANDO & ANASTASI, LLP
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SCHEDULE A

**SPEEDLINE TECHNOLOGIES, INC.
PENDING U.S. PATENT APPLICATIONS**

Attorney Docket No.	Serial No.	Filing Date	Title
17549-105	09/974,022	10/10/2001	NEEDLE CLEANING SYSTEM
17549-109	09/928,112	08/10/2001	METHOD AND APPARATUS FOR CONTROLLING A DISPENSING SYSTEM
17549-110	09/844,491	04/27/2001	HEATER IN A CONVEYOR SYSTEM
17549-119	10/076,037	02/14/2002	LIQUID DISPENSING SYSTEM WITH IMPROVED SEALING AUGERING SCREW AND METHOD FOR DISPENSING
17549-123	10/156,715	05/28/2002	DISPENSING SYSTEM AND METHOD
17549-124	10/196,571	07/16/2002	DISPENSING SYSTEM AND METHOD
17549-127	10/428,250	05/02/2003	ADJUSTABLE NEEDLE FOOT FOR DISPENSING SYSTEM
17549-131	10/233,746	09/03/2002	CONVEYORIZED VACUUM INJECTION SYSTEM
17549-138	10/661,830	09/12/2003	DISPENSING SYSTEM WITH MULTIPLE PARTIALLY INDEPENDENT HEADS
17549-139	10/688,756	10/17/2003	DISPENSING SYSTEM AND METHOD
17549-140	10/703,201	11/06/2003	CONVEYORIZED VACUUM INJECTION SYSTEM
17549-141	10/740,709	12/18/2003	SYSTEM AND METHOD FOR CONTROLLING A CONVEYOR SYSTEM CONFIGURATION TO ACCOMMODATE DIFFERENT SIZE SUBSTRATES
17549-142	10/766,285	01/27/2004	DISPENSING SYSTEM AND METHOD
17555-070	09/304,699	05/04/1999	METHOD AND APPARATUS FOR INSPECTING SOLDER PASTE DEPOSITS ON SUBSTRATES
17555-099	09/706,966	11/06/2000	SOLDER PRINTERS
17555-111	10/175,131	06/19/2002	METHOD AND APPARATUS FOR SUPPORTING A SUBSTRATE
17555-113	10/236,108	09/06/2002	METHOD AND APPARATUS FOR RELEASING MATERIALS FROM STENCILS
17555-114	10/734,395	12/12/2003	SYSTEMS AND METHODS FOR DETECTING DEFECTS IN PRINTED SOLDER PASTE
17555-116	10/402,418	03/28/2003	PRESSURE CONTROL SYSTEM FOR PRINTING A VISCOUS MATERIAL
17555-123	10/448,761	05/30/2003	STENCIL CLEANER FOR USE IN THE SOLDER PASTE PRINT OPERATION
17555-125	10/346,803	01/17/2003	ELECTRONIC SUBSTRATE PRINTING

SCHEDULE A (continued)

**SPEEDLINE TECHNOLOGIES, INC.
PENDING U.S. PATENT APPLICATIONS**

17555-127	10/394,814	03/21/2003	METHOD AND APPARATUS FOR SUPPORTING A SUBSTRATE
17644-182	10/247,402	09/19/2002	REFLOW SOLDERING APPARATUS AND METHOD FOR SELECTIVE INFRARED HEATING
17644-186	10/051,408	01/18/2002	FLUX COLLECTION METHOD AND SYSTEM
17644-188	10/051,213	01/18/2002	COMPACT CONVECTION DRYING CHAMBER FOR DRYING PRINTED CIRCUIT BOARDS AND OTHER ELECTRONIC ASSEMBLIES BY ENHANCED EVAPORATION
17644-190	10/125,100	04/17/2002	FILTRATION OF FLUX CONTAMINANTS
17644-192	10/190,900	07/08/2002	CLOSED LOOP SOLDER WAVE HEIGHT CONTROL SYSTEM
17644-193	10/436,369	05/12/2003	DROSS REMOVAL AND SOLDIER RECLAMATION IMPROVEMENTS
17644-194	10/260,944	09/30/2002	SELECTIVE GAS KNIFE FOR WAVE SOLDERING
17644-195	10/260,980	09/30/2002	SELECTIVE WAVE SOLDER SYSTEM
17644-197	10/445,787	05/27/2003	DROSS REMOVAL AND SOLDER RECLAMATION IMPROVEMENTS
17644-198	10/747,801	12/29/2003	FLUX COLLECTION METHOD AND SYSTEM
17847-062	10/452,825	06/02/2003	HIGH SPEED ELECTRONIC ASSEMBLY SYSTEM AND METHOD

CERTIFICATE UNDER 37 CFR 3.73(b)

Applicant: David P. Prince

Application No.: 10/734,395

Filed: December 12, 2003

Confirmation No.: 9763

Entitled: SYSTEMS AND METHODS FOR DETECTING DEFECTS IN PRINTED
SOLDER PASTE

Speedline Technologies, Inc. a Delaware corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university,
government agency, etc.)

certifies that it is the assignee of the entire right, in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at

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2. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at

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3. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at

Reel _____ Frame __, _____ or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned is authorized to act on behalf of the assignee.

18 May 2004
Date

Keith F. Noe
Signature

Keith F. Noe, 34,686

Typed or Printed Name, Reg. No.

RECORDATION FORM COVER SHEET PATENTS ONLY

FORM PTO-1595 U.S.
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DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

David P. Prince (executed 05/11/04)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

2. Name and address of receiving party(ies)

Name: Speedline Technologies, Inc.

Internal Address:

COPY

Street Address: 16 Forge Park
Franklin, MA 02038

Additional name(s) & addresses(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application:

A. Patent Application No.(s)

B. Patent No.(s)

10/734,395

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence
Concerning document should be mailed:

Name: Keith F. Noe, Esq.
Address: Lowrie, Lando & Anastasi, LLP
Riverfront Office Park
One Main Street
Cambridge, MA 02142

6. Total number of applications and patents involved: **[1]**

7. Total fee (37 CFR 3.41) **\$ 40.00**

☐ Enclosed

☒ Authorized to be charged to deposit account

The Commissioner is authorized to charge any
deficiencies or overpayments to:

8. Deposit Account No: 50/2762;
Ref. No. M2010-7114.

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Keith F. Noe

Keith F. Noe

May 18, 2004

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **[2]**

Mail documents to be recorded with required cover sheet information to (modify as appropriate):

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
PO Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

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For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, the undersigned **David P. Prince of Wakefield, RI**, hereby:

Sell, assign and transfer to **Speedline Technologies, Inc.**, a Delaware corporation having a place of business at **16 Forge Park, Franklin, MA 02038**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on **December 12, 2003** under Application Serial No. **10/734,395** and entitled **SYSTEMS AND METHODS FOR DETECTING DEFECTS IN PRINTED SOLDER PASTE**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority;

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

11 MAY 2004
Date

David P. Prince
David P. Prince

STATE OF Mass :
COUNTY OF Worcester :

Subscribed and sworn to before me this 11th day of May, 2004.

SEAL

741914.1



Anapaula Sherwin
Notary Public
My Commission Expires April 9, 2010